

Converting Colors

Hex(90DBFF)

Have a look what the booklet for
Hex(90DBFF) contains.

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Color

Hex(90DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	90DBFF
RGB	144, 219, 255
RGB Percent	56%, 86%, 100%
CMY	0.4353, 0.1412, 0.0000
CMYK	0.44, 0.14, 0.00, 0.00
HSL	199°, 100%, 78%
HSV	199°, 44%, 100%
XYZ	54.8831, 63.8123, 104.0321
YIQ	200.6790, -56.2560, -4.7040

Conversions

Conversions Part 2

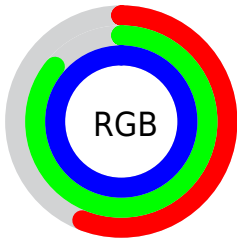
Format	Color
R_{YB}	144, 189, 255
Decimal	9493503
CIE _{Lab}	83.87, -14.10, -24.80
CIE _{LCh}	84, 28.529, 240.371
Yxy	63.8123, 0.2464, 0.2865
Android (android.graphics.Color)	4287683583 (0xFF90DBFF)
YUV	200.6790, 26.7803, -49.7075
Hunter-Lab	79.8826, -17.1567, -21.2963

Details

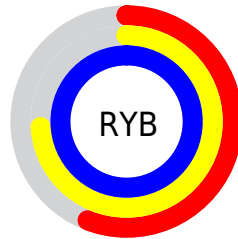
The Hex color **90DBFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB490**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CAFFFF**, and **56A4C6** is the 20% darker color. If you saturate the color by 10%, you get **77D3FF**, and if you desaturate by 10%, it is **AAE3FF**.

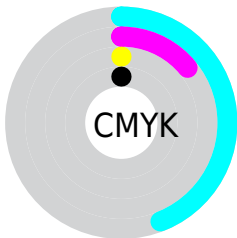
Distribution



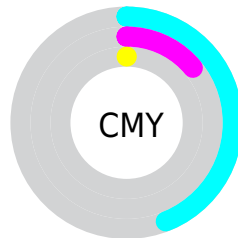
- Red (56%)
- Green (86%)
- Blue (100%)



- Red (56%)
- Yellow (74%)
- Blue (100%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90DBFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 90DBFF by changing the saturation by 10% instead.

 90DBFF

 90DBFF

FFFFFF

 73BFE2

 CAFFFF

 56A4C6

 E7FFFF

 388AAB

 0D7090

 005876

 00405E

 002A46

 00172F

 00011A

■ 90DBFF

■ 90DBFF

■ 77D3FF

■ AAE3FF

■ 5DCAFF

■ C3ECFF

■ 43C2FF

■ DDF4FF

■ 2ABAFF

■ F6FCFF

■ 10B2FF

FFFFFF

■ 00ACFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83DFEB



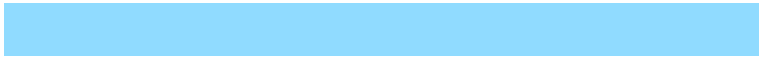
90DBFF



B1D3FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90DBFF



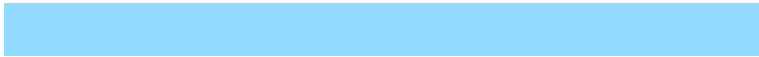
FFBED2



C8D8A2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90DBFF



FFB490

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5CF9B



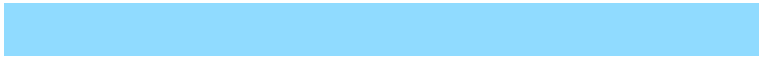
90DBFF



FFC0B7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90DBFF



F4C2EC



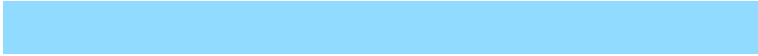
FBC6A3



A9DEB6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90DBFF



CACDFF



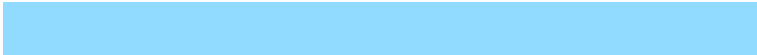
FBC6A3



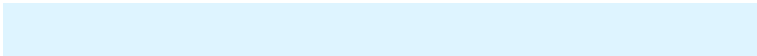
D2D59E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90DBFF



DEF4FF



90FFB3



6B7980



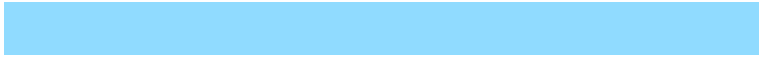
000000



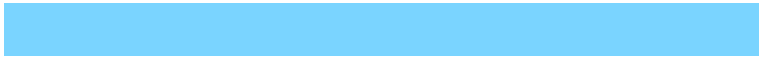
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90DBFF



7AD4FF



90A4FF



737B80



0081BF



002B40

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF90DB



FF7AD4



FFEB90



80737B



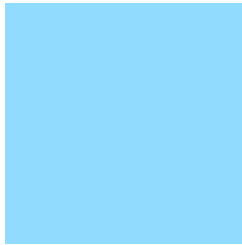
BF0081



40002B

Previews

White Background



This preview shows how the Hex color 90DBFF looks on a white background.

Color Contrast Check

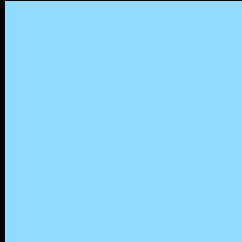
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 90DBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 90DBFF Background



This preview shows how black text looks on a background with the Hex color 90DBFF.



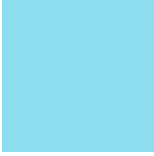
This preview shows how white text looks on a background with the Hex color 90DBFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

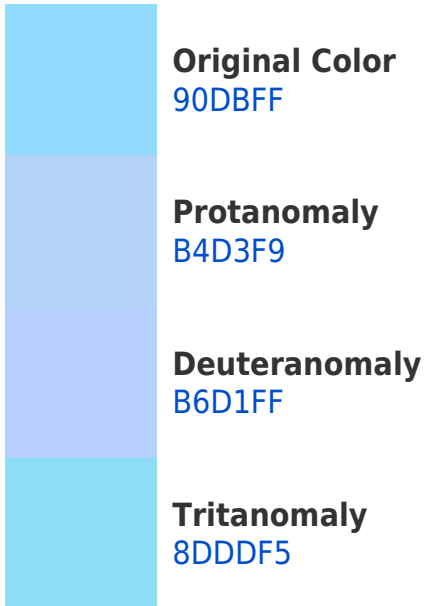
Dichromacy



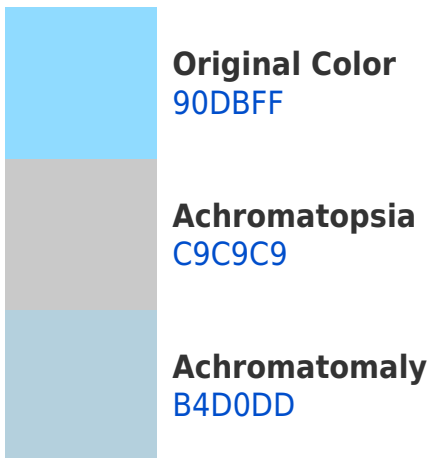


Tritanopia
8CDEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90DBFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #90DBFF looks like.

```
.text, #text, p{  
    color:#90DBFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #90DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DBFF
}
```

Border

The CSS property to change the border of an element to Hex 90DBFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90DBFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#90DBFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #90DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DBFF; -webkit-box-shadow:4px 4px  
4px 4px #90DBFF; box-shadow:4px 4px 4px  
4px #90DBFF }
```

Background

The CSS property to change the background color of an element to Hex 90DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DBFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#90DBFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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